What is claimed is:

1. A wireless communication device, comprising:
a shielding unit;
a first antenna unit transmitting a first signal between a first time and a second time; and
a second antenna unit separated from the first antenna unit by the shielding unit, transmitting a second signal between a third time and a fourth time, wherein the third time or the fourth time occurs between the first time and the second time to form a predetermined interval in which the first signal and the second signal are simultaneously transmitted.

2. The wireless communication device as claimed in claim 1, wherein the first antenna unit is provided with a first parameter with respect to the shielding unit and the second antenna unit is provided with a second parameter with respect to the shielding unit, such that the first antenna unit generates first energy by adjusting the first parameter and the second antenna unit generates second energy by adjusting the second parameter and the first energy is substantially equivalent to the second energy.

3. The wireless communication device as claimed in claim 1 further comprising a first ground plane connected to the first antenna unit with respect to the shielding

unit, a second ground plane connected to the second antenna unit with respect to the shielding unit and a far-field position used as an observation point to observe a first reflecting effect formed by the first signal reflected by the first ground plane and a second reflecting effect formed by the second signal reflected by the second ground plane and equivalent to the first reflecting effect.

4. The wireless communication device as claimed in claim 1, wherein the first antenna unit and the second antenna unit are dipole antennas.

5. The wireless communication device as claimed in claim 1, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna.

6. The wireless communication device as claimed in claim 1 further comprising a first ground plane connected to the first antenna unit, a second ground plane connected to the second antenna unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and difference between the first transmission loss and the second transmission loss is compensated by the first ground plane and the second ground plane.

7. The wireless communication device as claimed in claim 1, wherein the first antenna unit is a 2.4GHz

internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna, and a second equivalent gain of the second antenna unit is approximately equal to 1.77dBi when a first equivalent gain of the first antenna unit is approximately equal to 0.55dBi.

8. A wireless communication device, comprising:

a shielding unit;

a first antenna unit transmitting a first signal;

a second antenna unit separated from the first antenna unit by the shielding unit, transmitting a second signal, wherein the first signal and the second signal are simultaneously transmitted; and

a control unit electronically connected to the first antenna unit and the second antenna unit, modulating and demodulating the first signal and the second signal.

9. The wireless communication device as claimed in claim 8, wherein the first antenna unit is provided with a first parameter with respect to the shielding unit and the second antenna unit is provided with a second parameter with respect to the shielding unit, such that the first antenna unit generates first energy by adjusting the first parameter and the second antenna unit generates second energy by adjusting the second parameter and the first energy is substantially equivalent to the second energy.

10. The wireless communication device as claimed in claim 8 further comprising a first ground plane connected to the first antenna unit with respect to the shielding unit and a second ground plane connected to the second antenna unit with respect to the shielding unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and a difference between the first transmission loss and the second transmission loss is compensated by the first ground plane and the second ground plane.

11. The wireless communication device as claimed in claim 8, wherein the first antenna unit and the second antenna unit are dipole antennas.

12. The wireless communication device as claimed in claim 8, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna.

13. The wireless communication device as claimed in claim 8 further comprising a first ground plane connected to the first antenna unit, a second ground plane connected to the second antenna unit, wherein the first antenna unit is provided with a first transmission loss and the second antenna unit is provided with a second transmission loss, and a difference between the first transmission loss and the second transmission loss is

compensated by the first ground plane and the second ground plane.

14. The wireless communication device as claimed in claim 8, wherein the first antenna unit is a 2.4GHz internal dipole antenna and the second antenna unit is a 5GHz internal dipole antenna, and a second equivalent gain of the second antenna unit is approximately equal to 1.77dBi when a first equivalent gain of the first antenna unit is approximately equal to 0.55dBi.